DOVE

SPECULUM ANNI

OR

AN ALMANACK

For the Year of our

LORD GOD

1677.

Being the first after Bissextile or Leap-year, and from the Worlds Creation, 5681.

Wherein is contained a Chronology, the Planets Aspects, Eclipses, Terms, Inclination of the Air, with other things of note;

Calculated properly for the famous University and Town of *Cambridge*, where the North Pole is elevated above the Horizon 52 degr. and 17 min.

Non nobis solum nati sumus.

CAMBRIDGE:

Printed by *John Hayes*, Printer to the Universtity, 1677.

The Vulgar Notes and Moveable Feasts for this year 1677 in both accounts, *viz.*

Julian or English.			Gregorian or foreign.
	6	The Golden Number	6
	6	The Cycle of the Sun	6
	6	The Epact	26
	C	The Dominical Letter	C
Feb.	25	Shrove sunday	28 February
April	15	Easter day	18 April
May	24	Ascension day	27 May
June	3	Whitsunday	6 June
June	10	Trinity sunday	13 June
Decemb.	2	Adven. sunday	28 Novemb.

The Terms with their Returns for this year.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*

- Octab. Hilar January 20
- Quind. Hilar. Jan 27
- Craft. Purif. February 3
- Octab. Purif. February 10

Easter Term begins May 2, and ends May 28, and hath 5 returns.

- Quind. Pasch. April 30
- Tres Pasch. May 7
- Mens. Pasch. May 14
- Quinq. Pasch. May 21
- Craft Ascen. May 27

Trinity Term begins June 15, ends July 4, and hath 4 returns.

- Craft Trin. June 11
- Octab. Trin. June 18
- Quind. Trin. June 25
- Tres Trin. July 2

Michaelmas Term begins October 13, and ends November 28, and hath 6 returns.

- Tres Mich. Octob. 20
- Mens. Mich. Octob. 27
- Craft. Anim. November 3
- Craft. Mart. November 11
- Octab. Mart. November 18
- Quind. Mart. November 26

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, in which it openeth but 4 days before.

Dom

The Anatomy of mans body.

The Names and Characters of the 12 Signs.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck and Throat	♏ Scorpio secret Members
♊ Gemini Arms & Should.	♐ Sagittarius the Thighs
♋ Cancer Breast and Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

The Suns entrance into the 4 Cardinal Signs.

He enters Aries March 9 day, 26 min. past 9 at night.
He enters Cancer June 11 day, at 1 in the morning
He enters Libra September 12 day at 4 afternoon
He enters Capricorn December 11 at 4 in the morning

Note that the Planet Venus will be our morning Star from the beginning of the year to the 19 of June; and after that our Evening Star till the 5 day of April 1678.

A brief account of the most remarkable passages which have happened in England *since the year*, 1640. *The year begin. at Jan. the* 1.

1640 THe long Parliament began *Nov.* 7. The Earl of Strafford beheaded *May* 12 following.

1641 *May* 2 the Prince of Orange was married to the Lady Mary. The same year *Octob.* 23 the Rebellion in *Ireland* began.

1642 Sir J. Hotham denies the King entrance into *Hull*.
The Earl of Essex made generall for the Parliam
The King setteth up his Standard at *Nottingham*.
The battel at Edge-Hill *October* 23, where above 5000 were slain.
Brainford Fight *November* 12 and 14.

1643 The Lord Brook shot in the eye.
The Battel on Hopton-Heath, *March* 18
Cheapside-Cross demolished, and an Act passed for an Assembly of Divines to settle Religion, and likewise a vote for a new Great Seal.
Sir William Waller routed by the Kings forces.
The first Battel at Newbury *September* 20.
The Covenant (that Bond of iniquity) taken by the house of Commons, *September* 25.

1644 The Scotch-Army of 20000 Horse and Foot entred *England*. Marston-moor fight *July* 2, where above 7000 were slain.
This year came divers Ambassadours from *France*, *Holland* and *Spain*, to mediate between the King and Parliament.
Newbury second Battel, *Octob.* 27.
3 Suns seen in *London*, *Novemb.* 19.

Sir

Sir Thomas Fairfax made General in the room of *Eſſex*.

1645 The Arche-Biſhop of *Cant.* beheaded *Jan.* 10.

The Parliament vote that the clauſe for preſervation of his Majeſties perſon ſhould be left out of Sir *T. Fairfax* his Commiſſion, *March* 24.

Oxford cloſely beſieged, *May* 22.

The fatal Battel at *Naſeby*, *June* 14.

Carliſle after a long ſiege delivered to the Scots.

Briſtol ſurrendred *September* 11. Routon-Heath Battel, *September* 24.

Baſing Houſe taken by ſtorm, *October* 14.

Dartmouth ſtormed and taken, and Belvoire-Caſtle ſurrendred.

His Royal Majeſty offered at this time to come to the Parliament, and adviſe with them for the good of the Nation upon reaſonable conditions, but they would not conſent to it.

1646 The Earl of *Eſſex* died *September* 14.

The treacherous Scots ſold the King to the Parliament for 400000 pounds.

1647 His Majeſty was brought priſoner to Holmby, *Feb.* 17.

The City declares againſt the Army, but upon the Armies approach they ſubmit.

1648 The Parliament vote that no further addreſſes be made to the King, *January* 30.

Part of the Navy declare for the King, *May* 27.

Maidſtone fight, *May* 31. The Welch-Army of 8400 routed by Col. *Horton*.

Duke Hamilton entred *England* with an Army for his Majeſty Colcheſter yielded, Sir Charles Lucas and Sir George Liſle ſhot to death, *Auguſt* 28.

The Treaty began in the Iſle of Wight, *September* 18.

An Ordinance nominating divers perſons to try

the King *December* 28, being tendred to the Lords was by them refuſed.

1649 The pretended High Court of Juſtice proclaimed *January* 9.

His Royal Majeſty moſt barbarouſly murdered, *January* 30.

1650 The Kings Statue erected in the Royal Exchange broken down by the Uſurpers, *Auguſt* 10.

A great fight at Dunbar in *Scotland*, *Septemb.* 3.

1651 King *Charles* II Crowned at Schoon in *Scotland*, *Jan.* 1.

The Scotch Army again enter *England*, *Aug.* 8. Worceſter fight *Septemb.* 3. 3000 ſlain and 10000 taken priſoners.

1652 A great Sea-fight between the Engliſh and Dutch, wherein the Dutch were worſted.

1653 The Rump Parliament diſſolved by the Army, *April* 10.

A ſecond fight between the Engliſh and Dutch, *June* 2, 3.

A third fight *July* 29 and 30, wherein *Vantrump* was ſlain.

1654 Oliver the Tyrant ſummond a Parliament, *Sep.* 3 and diſſolved it again the 22 of *January* following, he was proclaimed Protector *June* 26.

1656 The River of Thames ebbed and flowed twice in 3 hours, *October* 3.

1658 Dunkirk ſurrendred to the Engliſh, *June* 25.

Oliver died *September* 3, and the next day his ſon was proclaimed Protector

1659 White-hall and Somerſet-houſe voted to be ſold, *May* 16. Sir George Boo h up in Cheſhire, *Aug.* 1.

1660 The Lord General Monk marcheth from *Scotland* to *London*.

The ſecluded Members reſtored, *February* 21.

Admiral *Montague* with the whole Navy ſubmit

to

to his Majesty, *May* 3. and the 8 his Majesty was proclaimed in *London*, the 25 he landed at *Dover*, and the 29 at White-hall.

General Monk created Duke of Albemarl, *July* 12

The Duke of Glouceſter died, *September* 13

About this time many of the Regicides were executed.

The Queen-mother returned to White-hall, *November* 27.

1661 King *Charles* II Crowned at *Weſtmin.* *April* 23.

The Queen of *Bohemia* came to *London*, *May* 17.

1662 Queen *Katherine* landed at Portſmouth *May* 14, and the 23 of *Aug.* following ſhe came to White hall.

1664 The Houſe of Commons vote his Majeſty a ſupply of 2500000 pounds ſterling.

3 Comets appeared in a ſhort time.

1665 The great Plague in *London* began *Apr.* 25 whereof died 100000.

A great fight between the Eng. and Dutch *June* 3, wherein the Dutch were beaten.

The Parliament voted his Majeſty a ſupply of 1250000 pounds, *October* 11.

1666 Another fight between the Engliſh and Dutch *June* 2, 3, 4. a third fight in *Auguſt* following.

The ſad fire in *London* which burned within the walls 87 Pariſhes, and much building without, *September* 3, 4, 5, 6

1672 War proclaimed againſt the Dutch, *March* 28.

1673 Several ſea fights between the Engliſh and Dutch.

1674 A Peace concluded between the Engliſh and Dutch, *Feb.* 9

The Duke of Monmouth Inſtalled Chancellour of *Cambr.* *September* 7.

Full moon 8 day, 17 min. past 11 at night.
Last quarter 16 day, 40 min. past 2 afternoon.
New moon 23 day, 3 min. past 5 morning.
First quarter 30 day, 2 min. past 3 afternoon.

1	a	New years d.	Taur.	☉	22	
2	b	Octab. Steph.		12	23	
3	c	Oct. John		24	24	Good wea-
4	d	Octab. Inno.	Gem.	6	25	ther for the
5	e	Simeon		18	26	△♄☿ 1 p.
6	f	Twelfth day		29	27	season of the
7	g	1 aft. Epiph.	Canc.	11	28	year.
8	a	Lucian		23	29	
9	b	Sun in Aquar.	Leo	6	♒	♄ Stat. ad Dir.
10	c	Paul Hermit		18	1	
11	d	Hygin	Virg.	0	2	windy, with
12	e	Benedict.		13	3	snow or rain,
13	f	Hilary bith.		26	4	☌☉☿ 4 p.
14	g	2 after Epiph.	Libr.	9	5	☌♂☿ 4 p. &
15	a	Maurittius		23	6	☌☿♀ 11 p.
16	b	Marcellus	Scorp.	6	7	☌☉☿ 8 a.
17	c	Anthony		20	8	but not very
18	d	Peter	Sagit.	4	9	cold.
19	e	Wolstan		19	10	
20	f	Octab. Hilar.	Capr.	3	11	
21	g	3 after Epiph.		18	12	
22	a	Vincent M.	Aquar.	3	13	☌ Stat. ad D.
23	b	Term begins		18	14	□♄☿ 7 a.
24	c	Timothy	Pisces	2	15	Windy, cloudy,
25	d	Conv. S. Paul.		16	16	dy, and moist,
26	e	Polycarp.	Aries	0	17	if not snow.
27	f	Quind. Hilar.		13	18	△☌☿ 8 a.
28	g	4 aft. Epiph.		26	19	□♄☉ 3 p.
29	a	Gildas ab.	Taur.	8	20	Very cold.
30	b	K. C. 1. Mart.		20	21	
31	c	Saturn	Gem.	2	22	

The Planets now, as if they meant no ill,
Do usher in the New year, calm and still,
But near the midst some of them joyn together;
Others oppose, and square, which bring bad weather.

January 1677.

	Sun-rising.		Sun-setting.	
1	8	4	3	56
2	8	3	3	57
3	8	2	3	58
4	8	0	4	0
5	7	59	4	1
6	7	58	4	2
7	7	57	4	3
8	7	55	4	5
9	7	54	4	6
10	7	52	4	8
11	7	51	4	9
12	7	50	4	10
13	7	48	4	12
14	7	47	4	13
15	7	46	4	14
16	7	45	4	15
17	7	44	4	16
18	7	42	4	18
19	7	40	4	20
20	7	38	4	22
21	7	36	4	24
22	7	34	4	26
23	7	32	4	28
24	7	30	4	30
25	7	28	4	32
26	7	26	4	34
27	7	24	4	36
28	7	22	4	38
29	7	20	4	40
30	7	18	4	42
31	7	16	4	44

Full moon 7 day, 18 min. past 4 afternoon.
Last quarter 14 day, 12 min. past 11 at night.
New moon 21 day, 28 min. past 5 afternoon.

Mi	Mo	Festiv. days	Moons	Suns	Inclination of
Di	Di	with Terms.	place.	pl.	the air.
1	d	Ezdget fast	Gem. 14	23	Cold but soon
2	e	Candlemas d.	26	24	△ ♄ ☿ 112.
3	f	Craſt. Purif.	Can. 8	25	grows warm-
4	☾	5 aſt. Epiph.	20	26	er with ſea-
5	a	Agatha	Leo 2	27	△ ☉ ☌ ♃ p.
6	b	Dorothy	14	28	ſonable wea-
7	c	Rumwald	26	29	ther.
8	d	Sun in Piſces	Virg. 10	♓	
9	e	Apol. ☉ & P.	27	1	
10	f	Scholaſtica	Libra 6	2	✶ ♄ ☿ 102.
11	☾	Septuageſima	20	3	
12	a	Term ends	Scorp. 3	4	☿ elon. Max.
13	b	Agabus	17	5	à ☉.
14	c	Valentine	Sagit. 1	6	
15	d	Faustine	15	7	
16	e	Bolleron	29	8	Near this
17	f	Conſtant	Capr. 13	9	time expect
18	☾	Sexageſima	27	10	high winds
19	a	Sabine	Aqua. 12	11	and ſtorms.
20	b	Wilfred	26	12	☿ ſt. ad Re.
21	c	Cimbret	Piſces 10	13	☌ ♅ ☿ ♀ p.
22	d	Ceth. Pet.	24	14	Pleaſant for
23	e	Herenus ſa.	Aries 8	15	the ſeaſon.
24	f	S. Matthias	21	16	Cold, if not
25	☾	Quinquageſi.	Taur. 4	17	froſt and
26	a	Victorin	16	18	ſnow near the
27	b	Shrove-tueſd.	28	19	end.
28	c	Aſhwe- neſd.	Gem. 10	20	□ ♄ ☿ 20 p.
					✶ ♄ ☿ o.

The many mild Aſpects this moneth doth bring,
Promiſe good weather, and an early ſpring;
Yet that ſhe may her changing nature hold,
We may expect ſome ſtorms, with wind, and cold.

February 1677.

		Sunrising		Sunsetting	
1	7	14	4	46	
2	7	12	4	48	
3	7	10	4	50	
4	7	8	4	52	
5	7	6	4	54	
6	7	4	4	56	
7	7	2	4	58	
8	7	0	5	0	
9	6	59	5	1	
10	6	57	5	3	
11	6	55	5	5	
12	6	54	5	6	
13	6	52	5	8	
14	6	50	5	10	
15	6	48	5	12	
16	6	46	5	14	
17	6	44	5	16	
18	6	42	5	18	
19	6	40	5	20	
20	6	38	5	22	
21	6	36	5	24	
22	6	34	5	26	
23	6	32	5	28	
24	6	30	5	30	
25	6	28	5	32	
26	6	26	5	34	
27	6	24	5	36	
28	6	22		38	

First quarter the 1 day, 52 min. past 9 before noon.
Full moon the 9 day, 9 min. past 7 morning.
Last quarter the 16 day, 20 min. past 5 morning
New moon the 23 day, 6 min. past 2 morning.
First quarter 31 day at 6 in the morning.

1	D	David bish.	Gem.	22	20	☌ ☉ ☿ 12. &
2	E	Chad. bish.	Canc.	4	22	✶ ☉ ♄ 11 a.
3	F	Eutrophius		16	23	Windy, and
4	G	Quadrageſi.		28	24	cold at the
5	A	Euſebius	Leo	10	25	beginning
6	B	Frederick		22	26	of the mon.
7	C	Ember week.	Virgo	5	27	
8	D	Mauritan		18	28	
9	E	Prudence	Libra	2	29	
10	F	Sun in Aries		15	♈	
11	G	2 in lent Ord.		29	1	Good wea-
12	A	Gregory	Scorp.	13	2	ther for ſeed
13	B	Erneſtus		27	3	time at
14	C	Leo bish.	Sagit.	11	4	△ ☌ ☿ 8 a.
15	D	Longine		26	5	☿ St. ad Dir.
16	E	Cyriac	Capr.	10	6	this time.
17	F	Patrick		24	7	
18	G	3 ſun. in Lent	Aquar.	8	8	
19	A	Joſeph		22	9	
20	B	Rupert	Piſces	6	10	Warm, if not
21	C	Apyronius		19	11	thunder
22	D	Theodore	Aries	3	12	□ ☉ ☌ 3 p.
23	E	Egbert		16	13	in ſome
24	F	Muirin. faſt		29	14	places.
25	G	Lady day	Taur.	12	15	Midlent ſun,
26	A	Caſtulus		24	16	✶ ♄ ☿ 10. p.
27	B	Archibald	Gem.	6	17	Cool now but
28	C	Fremond		18	18	pleaſant near
29	D	Euſtach	Canc.	0	19	☿ elong. Max.
30	E	Guido		11	20	the end.
31	F	Baldine		24	21	✶ ☉ ♅ 8. a.

Swift Mercury, with Sol, the first day joyn'd,
With Saturns Sextile, brings some cold, with wind;
The square of Mars, and Sol, may cause some thunder,
The rest o'th' moneth good weather, (or I wonder.)

March 1677.

	Sun-rising		Sun-setting	
1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

Full moon 7 day, 31 min. past 6 afternoon.
Last quarter 14 day, 31 min, past 10 beforenoon.
New moon 21 day, 54 min. past 7 afternoon.
First quarter 29 day, 11 min. past 11 at night.

1	B	5 sun. in Lent	Leo	5	22		✱ ♄ ☌ ♀ 4 p.
2	a	Francis		18	23		Somewhat
3	b	Richa: D Bis.	Virg.	0	24		coo.
4	c	Ambrose		13	25		
5	d	Vincent		20	26		
6	e	Sixtus	Libra	0	27		
7	f	Celestin		24	28		Good weath.
8	G	Palm-sunday	Scorp.	8	29		for the moſt
9	a	Vesper. bis.		23	29		part the
10	b	Sun in Taur.	Sagit	7	♂		former part of
11	c	Leo Pope		22	1		this moneth.
12	d	Julius	Capr.	6	2		
13	e	Good Friday		20	3		
14	f	Olympia faſt	Aquar	5	4		
15	G	Easter day		18	5		
16	a	Iſidore	Piſc.	2	6		
17	b	Anicetus		16	7		
18	c	Oſwin		29	8		The latter
19	d	Alphege	Aries	12	9		part windy,
20	e	Sulpitius		25	10		and ſtormy,
21	f	Anſelm	Taur.	7	11		✱ ☿ ☌ ♀ 2.
22	G	Low-sunday		20	12		✱ ☿ ☌ ♀ 8 i.
23	a	S. GEORGE	Gem.	1	13		□ ♂ ☌ ♀ 4 p.
24	b	Aibertus		14	14		□ ♂ ☍ ♀ 22. &
25	c	Mark Evang.		26	15		♂ ☌ ♀ 8. &
26	d	Cletus	Canc.	8	16		✱ ♄ ♂ 4 p.
27	e	Anaſtaſius		20	17		with thunder
28	f	Vitalis	Leo	2	18		in ſome places
29	G	2 aſt. Eaſt.		14	19		
30	a	Quind Paſch.		26	20		

The former part, good weather for the spring,
Unless some cold, old Saturns Sextile brings,
The latter part, happen some bad Aspects,
Winds, storms, and thunder, will be their effects.

April 1677.

1	5	16	6	44	
2	5	14	6	46	
3	5	12	6	48	
4	5	10	6	50	
5	5	8	6	52	
6	5	6	6	54	
7	5	4	6	56	
8	5	2	6	58	
9	5	0	7		
10	4	58	7	2	
11	4	56	7	4	
12	4	54	7	6	
13	4	52	7	8	
14	4	50	7	10	
15	4	48	7	12	
16	4	46	7	14	
17	4	44	7	16	
18	4	42	7	17	
19	4	41	7	19	
20	4	38	7	21	
21	4	36	7	23	
22	4	34	7	24	
23	4	33	7	25	
24	4	31	7	27	
25	4	29	7	28	
26	4	27	7	30	
27	4	25	7	32	
28	4	23	7	34	
29	4	21	7	35	
30	4	19	7	37	

May hath xxxi days.

Full moon 7 day, 26 min. past 3 morning.
Last quarter 13 day, 21 min. past 5 afternoon.
New moon 21 day, 35 min. past 10 beforenoon.
First quarter 29 day, 10 min. past 1 afternoon.

1	b	Philip & Jac.	Virgo	8	21	Good at the
2	c	Term begins		21	22	beginning, but
3	d	Invent. cruc.	Libra	4	23	wind, storm,
4	e	Monica		18	24	and thunder
5	f	Gothard	Scorp.	2	25	soon follow.
6	g	3 su. aft. East.		17	26	□ ☉ ♃ 8 a.
7	a	Tres. Pasch.	Sagit.	1	27	□ ♃ ☿ 12 a.
8	b	Appar. Mich.		16	28	☌ ☉ ☿ 3 p. ☌
9	c	Nazianzen	Capr.	1	29	♄ ☿ 7 p.
10	d	Epimachus		16	30	☌ ☉ ♄ 7 a.
11	e	Sun in Gem.	Aquar.	1	31	✶ ☌ ☿ 19 p.
12	f	Pancrate		15	1	Cool and
13	g	4 su. aft. East.		29	2	moist.
14	a	Mens. Pasch.	Pisc.	12	3	
15	b	Sophia.		26	4	
16	c	Peregrine	Aries	9	5	□ ♃ ☿ 12. p.
17	d	Trans. S. Bern.		22	6	Better, but
18	e	Oswald	Taur.	4	7	holds not
19	f	Werherdine		16	8	long.
20	g	Rogation sun.		29	9	☌ ♄ ☿ 11 a.
21	a	Quinq. Pasch.	Gem.	11	10	Cool, and
22	b	Helme		23	11	wet.
23	c	Desiderius	Canc.	5	12	△ ♃ ☿ 5 p.
24	d	Holy Thursd.		16	13	
25	e	Crast. Ascen.		28	14	
26	f	Austin	Leo	10	15	✶ ☉ ☌ 4 p.
27	g	Sun. aft. Asc.		22	16	Very warm
28	a	Term ends	Virgo	4	17	about this
29	b	K. C. II. Nat.		17	18	time.
30	c	Felix	Libr.	0	19	
31	d	Petronella		18	20	

The seventh day, pale Cynthia hides her head,
Just as her Sovereign leaves his Eastern bed;
Some bad Aspects, cold winds, and storms may raise
The latter part, some warm, and pleasant days.

May 1677.

		Sun-rising.		Sun-setting.	
1	4	22	7	38	
2	4	21	7	39	
3	4	19	7	41	
4	4	17	7	43	
5	4	16	7	44	
6	4	14	7	46	
7	4	13	7	47	
8	4	11	7	49	
9	4	9	7	51	
10	4	8	7	52	
11	4	7	7	53	
12	4	6	7	54	
13	4	5	7	56	
14	4	4	7	58	
15	4	2	7	59	
16	4	1	8	0	
17	3	59	8	1	
18	3	58	8	2	
19	3	57	8	3	
20	3	56	8	4	
21	3	55	8	5	
22	3	54	8	6	
23	3	53	8	7	
24	3	52	8	8	
25	3	51	8	9	
26	3	49	8	11	
27	3	48	8	12	
28	3	47	8	13	
29	3	47	8	13	
30	3	46	8	14	
31	3	46	8	14	

Full moon 5 day, 46 min, past 10 beforenoon.
Last quarter 12 day, 12 min. past 2 morning.
New moon 20 day. 16 min. past 1 morning
First quarter 28 day, 19 min. past 1 morning.

1	f	Pamphilus	Libra 27	20	☽	
2	f	Marcellus	Scorp. 10	21		
3	☾	Whitsunday.	25	22		Pleasant weather, with some wind
4	a	Petrocius	Sagit. 10	23		
5	b	Boniface	25	24		
6	c	Ember week	Capr. 10	25		☌ ♂ ☿ 8 a.
7	d	Paul Bis.	25	26		♑ St. ad Ret.
8	e	Medard	Aquar. 10	27		△ ☉ ♅ 6 a.
9	f	Pelagia	25	28		the former pa.
10	☾	Trin. Sun. Or.	Pisces 9	29		△ ♅ ☿ 1 p
11	a	S. Barnabas	22	30		☿ el. Max 2 ☉
12	b	Blandine	Aries 6	1		
13	c	Anthony	19	2		Stormy weather about this time, with thunder, and lightning in some places.
14	d	Corpus Chr.	Taur. 1	3		
15	e	Term begins	13	4		
16	f	Rowland	26	5		♂ ♅ ☌ 8 p.
17	☾	1 aft. Trin.	Gem. 8	6		
18	a	Octab. Trin.	20	7		
19	b	Gervase	Canc. 1	8		☌ ☉ ☿ 5 p.
20	c	Edward	13	9		
21	d	Walburg	25	9		
22	e	Alban M.	Leo 7	10		
23	f	Ethel fast	19	11		☿ St. ad Ret.
24	☾	John Baptist	Virgo 1	12		Windy if not storms, and thunder near the end.
25	a	Quind. Trin.	14	13		
26	b	John & Paul	26	14		
27	c	Crescens	Libr. 9	15		
28	d	Leo Pa. fast	22	16		
29	e	S. Peter Apo	Scorp. 5	17		
30	f	Com. of Paul.	19	18		□ ♄ ☌ 1 p.

The Planets mildly in this moneth do bring,
But afterwards they make the Air ring,
With thunder, lightning, hasty storms, and wind,
Which we from Jove, Mars, Sol, and Venus find.

June 1677.

	Sun-rising.		Sun-setting.	
1	3	46	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	44	8	16
17	3	44	8	16
18	3	44	8	16
19	3	45	8	15
20	3	45	8	15
21	3	45	8	15
22	3	46	8	14
23	3	45	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

July hath xxxi days.

Full moon 4 day, 31 min past 5 afternoon.
Last quarter 11 day, 47 min. past 1 afternoon.
New moon 19 day, 36 min. past 3 afternoon.
First quarter 27 day, 57 min. past 10 beforenoon.

1	☌	3 aft. Trin.	Sagit.	3	19	
2	a	Tres Trin.		18	20	
3	b	Hiacynthus	Capr.	3	21	
4	c	Term ends		18	22	Warm, if not
5	d	Anselm	Aquar.	4	23	some storms,
6	e	Hector		19	24	with thunder
7	f	Becket	Pisces	3	25	☌☉☿ at noon
8	☌	4 aft. Trin.		18	26	following.
9	a	Cyril.	Aries	2	27	
10	b	7 Brethren		15	28	
11	c	Pius		28	29	
12	d	Henry	Taur.	10	29	✱♄☿ o.
13	e	Sun in Leo		2	♌	Good wea-
14	f	Bonavent.	Gem.	5	1	ther and not
15	☌	5 aft. Trin.		16	2	much alter-
16	a	Osmond		28	3	tion, except
17	b	Alexius	Canc.	10	4	☿ S. ad Dir.
18	c	Regina		22	5	about the
19	d	Dog days be.	Leo	4	6	✱☉♄ ☽.
20	e	Margar. M.		16	7	New moon.
21	f	Prageda		28	8	
22	☌	6 aft. Trin.	Virgo	11	9	
23	a	Apollinaris		23	10	Very warm,
24	b	Christian. fast	Libra	6	11	if not thun-
25	c	S. James Ap.		18	12	☌♅♀☽ ☽.
26	d	Anna	Scorp.	2	13	☿ Max. dist.
27	e	Martha		15	15	à ☉) der
28	f	Celsus		29	15	about this
29	☌	7 aft. Trin.	Sagit.	13	16	time.
30	a	Abdon		27	17	
31	b	Ignatius	Capr.	12	18	

What I can gather from the ſtarry Art,
(Kind Country-man) I ſhall to thee impart,
That is good weather, for the greater part,
This moneth, for hay-time, which will cheer thy heart

July 1677.

	Sun-riſing.		Sun-ſetting.	
1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

August hath xxxi days.

Full moon 2 day, 19 min. past 9 at night.
Last quarter 10 day, 23 min. past 4 morning.
New moon 18 day, 6 min. past 7 morning.
First quarter 25 day, 13 min. past 4 afternoon.

1	☾	Lammas day	Capr.	27	19	
2	☽	Stephen M.	Aquar.	12	20	Windy & wat.
3	☾	Invent Ste.		27	21	☌☉☿ 12 p.
4	☾	Dominick	Pisces	12	21	if not thund.
5	♁	8 aft. Trin.		26	22	
6	♂	Transf. Christi	Aries	10	23	✳ ♄♀ 3 a.
7	☽	Donatus		23	24	Cooler, with
8	☾	Cyriac	Taur.	6	25	□ ♄♀ 10 a.
9	☽	Roman		19	26	moist, and
10	☾	Laurence M.	Gem.	1	27	windy weath.
11	☾	Gilbert		13	28	following.
12	♁	9 aft. Trin.		25	29	☌ ♃♀ 3 p.
13	♂	Sun in Virgo	Canc.	7	♍	
14	☽	Eusebius		19	1	
15	☾	Assump. of M.	Leo	1	2	
16	☽	Roch		13	3	
17	☾	Hammes		25	4	I fear windy,
18	☾	Helena	Virg.	7	5	and stormy
19	♁	10 aft. Trin.		10	6	weather a-
20	♂	Bernard	Libra	3	7	☌ ☉♀ 7. a.
21	☽	Richard bif.		15	8	□ ♄♀ 13. p.
22	☾	Timothy		28	9	□ ☉♄ 16. p.
23	☽	Zacheus fast	Scorp	12	10	△ ♄♂ 3 p.
24	☾	S. Bartholom.		25	11	bout ennis tim.
25	☾	Lewis	Sagit.	9	12	♈ ♉
26	♁	11 after Trin.		23	13	♊ ♋
27	♂	Dog da. end	Capr.	7	14	♌ ♍
28	☽	Augustine		21	15	♎ ♏ ♐
29	☾	Decol. J. Bap.	Aquar.	6	16	Better near
30	☽	Felix		21	17	the end.
31	☾	Adrian	Pisces	5	18	♑ ♒ ♓

This moneth old ſullen Saturn looks but ſowre,
Which cauſeth many an unpleaſant ſhowre,
And ſometimes cool, and cloudy, with high wind,
Yet ſome good weather we (I hope) may find.

Auguſt 1677.

	Sunrising	Sunsetting	
1	4 38	7	22
2	4 39	7	21
3	4 41	7	19
4	4 43	7	17
5	4 44	7	16
6	4 46	7	14
7	4 48	7	12
8	4 50	7	10
9	4 52	7	8
10	4 54	7	6
11	4 56	7	4
12	4 58	7	2
13	5 0	7	0
14	5 2	6	58
15	5 4	6	56
16	5 6	6	54
17	5 8	6	52
18	5 10	6	50
19	5 12	6	48
20	5 14	6	46
21	5 16	6	44
22	5 18	6	42
23	5 20	6	40
24	5 22	6	38
25	5 24	6	36
26	5 26	6	34
27	5 28	6	32
28	5 30	6	30
29	5 32	6	28
30	5 34	6	26
31	5 36	6	24

Full moon 1 day, 26 min. past 10 beforenoon.
Last quarter 8 day. 44 min. past 9 at night.
New moon 16 day, 19 min past 9 at night.
First quarter 23 day, 58 min. past 11 at night.
Full moon 30 day, 45 min past 8 at night.

1	f	Giles abbot	Piſces	20	19	Some wind
2	g	12 after Trin.	Aries	4	20	△ ♄ ☿ now,
3	a	Lupus		18	21	but good wea-
4	b	Cuthbert	Taur.	2	22	ther for
5	c	Victorin		15	22	△ ♃ ♂ 5 p.
6	d	Magnus		27	23	the ſeaſon of
7	e	Dunſtan	Gem.	9	24	the year.
8	f	Nat. of Mary		21	25	△ ♄ ☿ 52.
9	g	13 after Trin.	Canc.	3	26	△ ♃ ☿ 52.
10	a	Nicholas		15	27	
11	b	Maurily		27	28	♄ Stat. ad Rec.
12	c	Eanſwithe	Leo	9	29	△ ♃ ☿ 19 p.
13	d	Sun in Libra		21	♎	☌ ♂ ☿ 1 p.
14	e	Exalt. Cru.	Virgo	3	1	Warm, if not
15	f	Nichomedes		16	2	ſtorms and
16	g	14 after Trin.		29	3	thunder in
17	a	Socrates	Libra	12	4	ſome places,
18	b	Methodius		25	5	with high
19	c	Ember Week	Scorp.	8	6	winds.
20	d	Faſta faſt		22	7	☌ ♂ ☿ 1 p.
21	e	S. Matthew	Sagit.	6	8	
22	f	Maurice		20	9	
23		Ordination	Capr.	4	10	△ ☉ ♄ 23.
24	a	Samuel		18	11	
25	b	Cleophas	Aquar.	2	12	
26	c	Juſtin		16	13	Pleaſant for
27	d	Coſ. & Dam.	Piſces	0	14	the ſeaſon
28	e	Wenceſlaus		15	15	near the end.
29	f	S. Mich. Arc.		29	16	
30	g	16 af. Trin.	Aries	13	17	△ ☉ ♃ 102.

This moneth is usher'd in with sev'ral Trines;
Then Mars, with Venus, and Mercury joyns,
Which sto. my weather and high wi'ds portends:
Yet much good weather, chiefly at the end.

September 1677.

	Sun-rising		Sun-setting	
1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	5	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	32	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

Last quarter 8 day, 38 min. past 4 afternoon.
New moon 16 day, 3 min. past 11 beforenoon.
First quarter 23 day, 52 min. past 5 morning.
Full moon 30 day, 50 min. past 10 beforenoon.

1	a	Remigius	Aries	26	18	Seasonable
2	b	Leodegar	Taur.	9	19	☐ ♅ ☌ ♀ 4 p.
3	c	Candide		22	20	♅ Stat. ad Di.
4	d	Francis	Gem.	5	21	Windy, with
5	e	Constance		17	22	☐ ♅ ☌ ♀ 4 p.
6	f	S. Faith		29	23	☿ elon. Max.
7	g	17 aft. Trin.	Canc.	11	24	☌ ☉ ☽ rain or
8	a	Demetrius		23	25	snow.
9	b	Dennis	Leo	5	26	
10	c	Paulin		17	27	
11	d	Burchard		29	28	
12	e	Wilfred	Virg.	11	29	Better wea-
13	f	Sun in Scorp.		24	♏	ther but holds
14	g	18 aft. Trin.	Libra	7	1	not long.
15	a	Hedelwide		20	2	Not very cold,
16	b	Gallus	Scorp.	4	3	but
17	c	Audrey		18	4	☿ Stat. ad Ret.
18	d	S. Luke Evan.	Sagit.	2	5	☐ ♅ ☌ ♂ 4 2.
19	e	Ptolome		16	6	soon alters.
20	f	Windelin	Capr.	0	7	☌ ♄ ☌ ♀ 6 2.
21	g	19 after Trin		14	8	Cold with ra.
22	a	Cordula		29	9	or snow, and
23	b	Term begins	Aquar.	13	10	high winds
24	c	Salome		27	11	☌ ☌ ☌ ☿ 1 2.
25	d	Crispine	Pisc.	11	12	following.
26	e	Amandus		25	13	☐ ♅ ☌ ☿ 5 p.
27	f	Ivo Con. fast	Aries	8	14	⚹ ♅ 13. p.
28	g	Sim. & Jude		22	15	☌ ☉ ☌ ☿ 12 p.
29	a	Eadune	Taur.	5	16	Windy, but
30	b	German		18	17	end pleasant.
31	c	Quintin fast	Gem.	0	18	☐ ☉ ♅ 5 p.

Jove doth with Venus, and with Stilbon squire,
Then for some days the Planets quiet are;
The later part they falling foul again,
Cause various weather, with high winds and rain.

October 1677.

	Sun-rising		Sun-setting	
1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

November hath xxx days.

Last quarter 7 day, 24 min. past 1 noon.
New moon 14 day, 6 min. past 11 at night.
First quarter 21 day, 13 min. past 2 afternoon.
Full moon 29 day, 47 min. past 1 morning.

1	b	All Saints.	Gem.	13	19		
2	c	All Souls		25	20		
3	d	Craft. Anim.	Canc.	7	21		Good weath,
4	e	21 after Trin.		19	22		and not much
5	f	Powder Plot.	Leo	1	23		alteration,
6	g	Leonard		13	24		☿ Stat. ad Dir.
7	a	Wildebrode		25	25		till about the
8	b	Claudius	Virgo	7	26		new moon.
9	c	Theodorus		19	27		
10	d	Erastus	Libra	2	28		
11	e	22 after Trin.		15	29		
12	f	Coinct Cras. M.		28	♐		
13	g	Eugenius	Scorp.	12	1		Windy & stor.
14	a	Frederick		26	2		☌ ♄ ☌ 12 p.
15	b	Leopald	Sagit.	10	3		☿ elon. Max,
16	c	Edmund b.		25	4		my weather,
17	d	Hugh	Capr.	10	5		
18	e	23 aft. Trin		25	6		Apertio Por-
19	f	K. C. I. Nat.	Aquar.	9	7		☌ ☉ ♄ 10 2.
20	g	Edmund B.		24	8		tarum, to cold
21	a	Oblat. Mary	Pisces	8	9		rain, or snow,
22	b	Cicely		21	10		□ ♃ ☿ 9 2.
23	c	Clement	Aries	5	11		with windy
24	d	Chrysogon		18	13		winter-like
25	e	24 after Trin	Taur.	1	14		weather for
26	f	Quind. Mart.		14	15		the most part
27	g	Vda virgin		27	16		to the end.
28	a	Term ends	Gem.	9	17		
29	b	Saturn fast		21	18		
30	c	S. Andrew	Canc.	3	19		

With our Antipodes Sol hides his face:
Saturn, on Sol, and Mars looks with disgrace,
Which of cold Clouds, and moisture is the reason;
The former part, good weather for the season.

November 1677.

	Sun rising		Sun setting	
1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	4
13	7	57	4	3
14	7	59	4	1
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	12	3	48
29	8	13	3	47
30	8	14	3	46

Laſt quarter 7 day, 2 min. paſt 4 morning.
New moon 14 day, 9 min. paſt 10 before noon.
Firſt quarter 21 day, 24 min. paſt · morning.
Full moon 28 day, 57 min. paſt 10 at night.

1	f	Daniel, bish.	Canc.	15	20	☌ ♄ ☿ ☍. &	
2	G	Advent ſund.		27	21	☌ ☉ ☌ at noon,	
3	a	Lucius	Leo	9	22	Variable, wi.	
4	b	Barbara		21	23	✶ ♃ ☉ 6 p	
5	c	Sabbas	Virg.	3	24	△ ♄ ☿ 4 a.	
6	d	Nicholas		15	25	✶ ♃ ☌ 8 a.	
7	e	Ambroſe		27	26	Pleaſant with	
8	f	Conce. of M.	Libra	10	27	ſome froſt.	
9	G	2 ſun. in Adv.		23	28		
10	a	Damaſus	Scorp.	6	29		
11	b	Sun in Capr.		20	♈	Seaſonable	
12	c	Epimachus	Sagit.	4	1	and not much	
13	d	Lucy virg.		19	2	alteration	
14	e	Nicharius	Capr.	4	3	✶ ♃ ☿ 5 a.	
15	f	Hilda Abbeſ.		19	4	till after the	
16	G	O Sapientia	Aquar.	4	5	new moon.	
17	a	Lazarus		19	6		
18	b	Chriſtopher	Piſces	4	7	Wind, and	
19	c	Ember week		18	8	☌ ☌ ☿ at noon	
20	d	Julian faſt.	Aries	2	9	ſnow about	
21	e	S. Thomas		15	10	this time.	
22	f	Theodoſius		28	11		
23	G	4 in Advent.	Taur.	11	12	Pleaſant	
24	a	Vd. E Ev. faſt		24	13	☌ ♃ ☿ 2 a.	
25	b	Chriſts birth	Gem.	6	14	with ſome	
26	c	S. Stephen		18	15	froſt.	
27	d	S. John	Canc	0	16	☿ ☉ ☿ 3 p.	
28	e	Innocents		12	17	Windy & col.	
29	f	Treſtens		24	18	□ ♄ ☌ 12 p.	
30	G	Sund. aft Ch.	Leo	6	19	if not ſnow.	
31	a	Silveſter		18	20		

Saturn (at firſt) the heat of Mars allay's,
Then follows for the ſeaſon, pleaſant days,
The wind, with froſt, and ſnow; and ſome days clear,
But Saturns ſquare, with cold, will end the year.

December 1677.

	Sun-riſing.		Sun-ſetting.	
1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	12	3	48
27	8	11	3	49
28	8	10	3	50
29	8	9	3	51
30	8	8	3	52
31	8	7	3	53

This moneth, the five and twentieth day,
(As many of the Learned ſay)
Our Saviour Chriſt was born on earth;
But now the Romiſh Church doth boaſt,
That we the time (ten days) have loſt,
And they do rightly keep his Birth;
But 'till our Church, the year correct,
Let us to this time bear reſpect,
By keeping of it to Gods glory,
Abſtain from vice: do good that day;
That our juſt lives (and not ſins) may,
Recorded be in after Story.

The Regal Table in exact manner.

The Year, Month and Day, (accounting the Year to begin Jan. 1.) wherein K. Q. and Ch. of Eng. since the Conq. began their Reign.				The number of Years, Months, and Days, that every K. & Q. reign.				The number of Years, Months, and Days, that have expired in the Reign of every K. & Q. to reign in after they ended.			
				28 da.	30 mon.						
K. W. Conq.	1066	Octob.	14	20	11	m	22	d	611		
W. Rufus	1087	Sept.	9	12	13	m	18	d	590	W. Conq.	
Henry 1	1100	August	2	35	4	m	17	d	577	W. Rufus	
Stephen	1135	Decem.	1	18	11	m	18	d	542	Henry	
Henry 2	1154	Octob.	25	34	9	m	6	d	523	Stephen	
Richard 1	1189	July	6	9	9	m	0	d	488	Henry	
John	1199	April	6	17	7	m	0	d	478	Richard	
Henry 3	1216	Octob.	19	56	1	m	6	d	461	John	
Edward 1	1272	Nov.	16	34	8	m	6	d	405	Henry	
Edward 2	1307	July	7	19	7	m	5	d	370	Edward	
Edward 3	1327	Jan.	25	50	5	m	7	d	351	Edward	
Richard 2	1377	June	21	22	3	m	14	d	300	Edward	
Henry 4	1399	Sept.	29	13	6	m	3	d	278	Richard	
Henry 5	1413	Marc.	20	9	5	m	24	d	264	Henry	
Henry 6	1422	Aug.	31	38	6	m	16	d	255	Henry	
Edward 4	1461	March	4	22	1	m	8	d	217	Henry	
Edward 5	1483	April	9	07	2	m	18	d	194	Edward	
Richard 3	1483	June	28	2	2	m	5	d	193	Edward	
Henry 7	1485	Aug.	22	23	10	m	24	d	192	Richard	
Henry 8	1509	April	22	37	10	m	2	d	168	Henry	
Edward 6	1547	Jan.	28	6	5	m	19	d	131	Henry	
Q. Mary	1553	July	6	5	4	m	22	d	124	Edward	
Q. Elizab.	1558	Nov.	17	44	4	m	15	d	119	Q. Mary	
K. James	1603	Mar.	24	22	0	m	3	d	73	Q. Eliza	
Charles 1	1625	May	27	22	10	m	3	d	52	K. James	
Charles 2	1649	Jan.	30	Long live the King.					28	Charles	

The use of this Table in Example.

King *Henry* 8 began his reign in the year of *Christ* 1509, *April* 22. He reigned 37 years, 10 moneths and 2 days. It is since he began his reign 168 years compleat the 22 of *April* this year 1677. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 131 years since he died, *January* 28. And so of the rest.

Dove

Dove 1677.

The latter part of this ALMANACK

For the year of our Lord God 1677:

Being first after Bissextile or Leap-year.

Wherein is contained the Eclipses with other Celestial observations, also to know under what Planet any man or woman are born by their Visage. Hair, Stature, &c. The Numbers, Weights, and Measures used in England; with directions for husband-men, and Gardners: A Table of Interest, a Tyde-Table, with others.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundasti, quid est homo, quod memor es ejus? aut filius hominis, quoniam visitas eum. Psal. 8. 3.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1677.

Of the Eclipſes this year.

THere will be four Eclipſes this year, *viz.* two of the Sun, and as many of the Moon, of which onely the firſt of the Moon will be viſible to us in *England*: it happeneth upon the 7 day of May; the middle of it (or greateſt obſcuration) with us at *Camb.* 24 min. paſt 3 a the Clock in the morning, the Digits Eclipſed will be 1 and 15 min. the beginning and middle of this Eclipſe may be ſeen by us (if the Air be clear) but the Moon ſetteth before the end, it happens in 27 Degrees of Scorpio, the Cities and Countries under that Sign are moſt of them far from us

An Eclipſe of the Moon in Scorpio foreſhews, (to the countreys under that Sign) great tempeſts, and ſometimes earthquakes, overflowing of Sea-banks, great land-floods, ruine of ancient Buildings, with diviſions among the Clergy, and death of the vulgar people, alſo many ſeditions and quarrels.

The ſecond will be of the Sun, upon the 21 of May, half an hour paſt 10 beforenoon, but by reaſon of the Moons Parallax, and great ſouth latitude, it will ſcarce be viſible with us, but will appear a great Eclipſe about the Iſlands of *S. Martin, Hellen, Mary*, in the *Zembrian Lake*, &c. it falls in 10 Degrees of Gemini the Aſcendant of the City of *London*.

The third will be of the Moon, upon the 30 of Octob. at 11 beforenoon, which will be viſible to our Antipodes, near the Mountains of *Sierra, Nevada*, and the North-weſt part of *America*, to whom the Moon will be half darkened; this Eclipſe happens in 16 Deg. of Taurus.

The fourth and laſt Eclipſe will be of the Sun, the 14 of Novemb. near our midnight, and therefore cannot be ſeen by us, but in *China, Japan*, &c. it will appear a great Eclipſe; it falls in the third Deg. of Sagit. a fiery ſign, and near that Regal Star, called the Heart of the Scorpion.

Some

Some other Celestial Observations for this year.

THe 30 of Jan at 9 in the evening, the Moon will be in Conjunction with the 7 Stars, about 5 Degrees distant in respect of Latitude: the 10 of March, after 7 in the evening, the Moon will rise in the South-east, in Conjunction with the Virgins Spike; and so will she again the 7 of April after 3 in the morning.

The 12 of June soon after Sun-setting, Mars will set within less then a Degree of the Lyons Heart; and the 24 day, Saturn will be in Conjunction with Aldebaran, rising in the North-east two hours before the Sun.

The 13 of Septemb at 2 afternoon, will happen a Conjunction of Mars and Ven. at which time their distance in Lat. will be 17 min. they may be seen to set near together that even. almost an hour and half after the Sun.

The 4 of Octob at 9 in the evening the Moon will be with the Planet Saturn, at which time their difference in Lat being small, they will seem almost to touch each other at the time of their rising; also the 1 of Novemb. at 3 in the morn. they will be near together; and again the 28 of Nov. at 5 in the morn. and the 2 of Novemb. at 1 in the mor. the Moon will Eclipse the south horn of the Bull (a star of the third Magnit.) their difference in Latitude being but 6 minutes.

The 24 of Decemb. 30 min. past 1 in the morn. Jupiter and Venus will be in Conjunct. in 27 Deg of Aquar. at which time their difference in Latit. will be but 31 min. they may be seen near together the 23 and 24 days in the evening, Jupiter on the North side of Venus.

Saturn is an evening star, from the beginning of the year, till May 10 from thence a morn. star to Novem. then an evening star to the years end.

Jupiter is a morn. star, from the 13 of Jan. to August 4 from thence an evening star to the years end.

Mars is an evening star, from the beginning of the year, to the 1 of Decemb. then a morning star again.

Some rules whereby to know under what Planet any man is born, by his Visage, Hair, Stature, and the like.

THose born under Saturn are cold, and dry, melancholy, of a middle stature, yet sometimes tall, his complexion pale, (warcish, or muddy, his eyes little and black, looking downward, a broad forehead, black or sad hair, and in somewhat hard and rugged, great ears, hanging, lowring, eyebrows, thick lips, and nose, a thin beard, a lumpish unpleasant countenance, either holding his head forward, or stooping, his shoulders somewhat broad, and sometimes crooked, his belly lank, his thighs lean and spare, his knees and feet indecent, many times shoveling, or hitting one against the other, they have oftentime a stinking breath, and are seldom free from a cough, a great eater, he is crafty for his own ends, full of revenge, covetous, yet seldom rich.

Those under Jupiter are hot, and moist, sanguine, of an upright, straight, tall, stature, of a brown ruddy lovely countenance, (an Ovall visage, and it full or fleshy, high forehead, large gray eyes, his hair soft, and of a dark brown, gently curling, much beard, and of a flaxen, or sandy colour, his teeth broad, and handsomely set; a neat body, strong proportioned thighs and legs; onely his feet somewhat long, they being usually the most undecent part of his body; in his speech he is sober, and of grave discourse, not given to quarrel, liberal and religious.

Those under Mars are hot & dry, cholerick, of a middle stature, their bodies strong, their bones big, rather lean then fat, of a high sun burnt colour, or like raw tanned leather, of a bold, fierce countenance, sharp, sparkling hazle eyes, his hair both of head & beard is usually red, & curling, (yet sometimes I have known it black,) broad shouldered, bold and proud, given to mock, scorn, quarrel, game drink, and wench, and sometimes to steal, according to the sign & house, which Mars is in at the time of birth, for if he be in the House of ♀ the native

tive wencheth, if ♂ he will be a thief, if in his own he quarrels, if ♄ he is dogged, if ☾ he is a drunkard &c.

Those under the Sun are hot and dry, of a large and strong body, of an obscure, or Saffron complection, a large forehead, great or goggle eyes, sharp and piercing; a round face, and short chin, yellowish hair, (and sometimes dark) and curling, and bald betimes, a thick beard, a comely body, a man bold and resolute, desirous of praise, fame, and estimation, hath a clear voice, slow of speech, but of a composed judgement, his teeth somwhat distort or obliquely set, of a healthfull constitution, but privately lascivious, and inclinable to many vices.

Those under Venus are cold, and moist, flegmatick, not very tall, whether they be men or women, a goodly fair, round visage; a full, fair, lovely eye, sometimes black, and rolling; a lovely mouth, and cherry lips, the face pretty fleshy, the hair soft, and smooth, with plenty of it, usually of a light brown colour, yet sometimes black, a lovely delightfull body, exceeding well shaped, one that takes delight in trimming, and keeping himself neat both in body and cloaths, hath often a love dimple in his cheeks, and full of amorous enticements.

Those under Mercury are dry, of a tall stature straight, thin, spare body, an high fore-head, a narrow long face, long nose, long arms, hands and fingers, long feet, and little legs, of an olive and chesnut colour, his eyes neither perfectly black, nor gray, his hair of a sad brown, inclining to blackness, a thin spare beard, and sometimes none at all; he is a prating, jeering, shifting, busie fellow, and in walking he goeth nimbly, and would always be thought to be full of action; but if Mercury, at the time of Birth be Aspected with any other Planet, the native doth usually partake of the influence of that Planet, and thereby his complection happens to be different from what is here set down.

Those under the Moon are cold, and moist, of a good stature, but no very handsome body, a round face, and

gray eyes, lowring or whitely coloured, much hair on the head, face, and other parts, sometimes one eye a little bigger then the other, the hands short, and fleshy, the whole body plump, corpulent, and flegmatick; sometimes he, or she have freckles on their face, and a blemish in, or near their eye; a soft, tender creature, fearfull, delighting in novelties, often shifting his habitation, tampering many ways to trade, and sometimes a sot, delighting to live beggarly, and carelessly, and of no spirit, or forecast.

Thus have I given a brief account of the Nature, shape, colour, and manners of men, and women, born under any of the Planets; but oftentimes the Nature, shape, colour, &c. proves different from what is set down here, according as the Lord of the Ascendant, is placed in the figure of Heaven at the time of birth; or as he is Affected with good or evil Planets, by evil, or friendly Aspects; or according to the sign the Sun is in, or from the season of the year.

Take this for a general rule, that melancholy people are slow in resolution, fraudulent, keeping close their counsels, prudent, severe, covetous, suspicious, sorrowfull, fearfull, jealous, froward, seldom forgetting injuries, ambitious, loving no mans esteem but their own.

Sanguine persons are merry and cheerful, liberal, faithfull, affable, peace-makers, open-hearted, modest, and religious.

The cholerick are full of anger, quarrelsome, revengefull, ambitious, importunate, imperious, hardy, rash, involving themselves into unnecessary troubles, seditious, yet many times ingenious, and easily changing their opinions.

The Phlegmatick are very cowards, uxorious, mutable, not capable of keeping any secrets, dull, and sleepy, and slow in performing any manner of business; if they be men, they are great wooers, and zealous in womens matters; if they be women they sometimes prove light and infamous.

A Table whereby you may find the time of high water at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North		Ho.	M
	Queenborough, Southampton, Portsmouth, Isle of Wight, Spits, Kentish-knock.	0	0
S. by W.	Rochester, Malden, Aberdeen, Redband.	0	45
S. S. W.	Gravesen. Downs, Rumney, Tenmet, Silly.	1	30
S. W. by S.	Dundee, S. Andr. S Lucas, Bellisle, Holyish.	2	15
S. W.	Lond. Tinmout, Hartpool, Whitebay, Ainf.	3	0
S. W by W.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. W.	Scarboroug. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and W	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Bristol, Foulness at the start.	6	45
E. S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
S. E. by E.	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
S. E.	Pool, S. Hellen Orkney, Caines, Man Isle	9	0
S. E by S.	Needles, Laisto, North & South forelands	9	45
S. S. E	Yarmout. Dover, Harwich, Calice-Road	10	30
S. by E.	Ry, Winchelsey, Goree, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	29	27	28	2	30	
is South at	12	1	2	3	4	4	5	6	7	8	8	9	10	11	12	H.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0	M.

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in

the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The 10 of March, this year 1677. I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 17 days old, which age I find at the bottom of the Tide table, and under the same 1 hour 36 minutes, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at London I add to her southing 3 hours as is shewed in the last Column, and it makes 4 hours 36 minutes in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

Of some measures, weights, and numbers used in England.

ALe and Beer is measured by Pints, Quarts, Pottles, Gallons, Ferkins, Kilderkins, and Barrels; yet with this difference, that the Barrel of Beer contains 36 Gallons, the Barrel of Ale but 32 Gallons.

First therefore you are to understand, that in Beer-measure one Barrel is 2 Kilderkins, 4 Firkins, 36 Gallons, 72 Pottles, 144 quarts, 288 Pints.

Secondly, one Kilderkin is 2 Firkins, 18 Gallons, 36 Pottles, 72 Quarts, or 144 Pints.

Thirdly, one Firkin is 9 Gallons, 18 Pottles, 36 Quarts, 72 Pints.

Fourthly,

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.
Fifthly, 1 Pottle is 2 Quarts, 4 Pints. One Quart is 2 Pints.

But in Ale measure, one Barrel is 2 Kilderkins, 4 Firkins, 32 Gallons, 64 Pottles, 128 Quarts, 256 Pints.
Secondly, 1 Kilderkin is 2 Firkins, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.
Thirdly, 1 Firkin is 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.
Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, 8 Pints.
Fifthly, 1 Pottle is 2 Quarts, or 4 Pints 1 Quart 2 Pints.

Of Wine, oyl, and honey.

A Gallon of Wine contains 8 pound Troy weight, by which the following vessels are measured; namely, 1 Tun makes 2 Butts, 4 Hogsheads, 8 Barrels 14 Rundlets, 252 Gallons, 504 Pottles, 1008 Quarts, or 2016 Pints.

Secondly, 1 Butt or Pipe is 2 Hogsheads, 4 Barrels, 7 Rundlets, 126 Gallons, 252 Pottles, 504 Quarts, or 1008 Pints.

Thirdly, 1 Hogshead makes 2 Barrels, 3 Rundlets & an half, 63 Gallons, 126 Pottles, 252 Quarts or 504 Pints.

Fourthly, 1 Barrel makes 1 Rundlet & 3 parts, 31 Gallons and an half, 63 Pottles, 126 Quarts, 252 Pints.

Fifthly, 1 Rundlet is 18 Gallons, 36 Pottles, 64 Quarts or 128 Pints. Lastly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Of grain.

ALl sort of Grain is measured by Troy-weights whereof 8 pounds make 2 Gallon, of which are made the following measures of Pints, Quarts, Gallons Pecks, and Bushels.

First you are to know, that the greatest measure of any kind

kind of Grain is a Laſt, which contains 10 Quarters, 10 Cornooks, or Coombs, 40 Strikes, 80 Buſhels, 320 Pecks 640 Gallons, 2560 Quarts, or 5120 Pints.

Secondly, 1 Quarter makes 2 Cornooks, 4 Strikes, 8 Buſhels 32 Pecks, 64 Gallons, 256 Quarts, or 512 Pints.

Thirdly, 1 Strike is 2 Buſhels, 8 Pecks, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Fourthly, one Buſhel is 4 Pecks, 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fifthly, 1 Peck is 2 Gallons, 4 Pottles, 8 Quarts, or 16 Pints.

Of Iron and Lead.

IRon is numbred by the pound, hundred, and Tun; and Lead by the pound, hundred, and Fodder. One Tun of Iron is 20 hundred, of 2240 pound; and an hundred weight is 112 pound.

Again, 1 Fodder of Lead is 19 hundred and an half, and an hundred weight is 112 pound.

And here alſo take notice, that Tyn, Copper, and Latin have 112 pounds to the hundred.

Of Fiſh.

Ling, Cod, or Haberdine, have 124 to the hundred; Stock-Fiſh and Herring 120 to the hundred, and 1000 to the Laſt, which is 12 Ale Barrels. Some Statutes meaſure Salmons, and Eles by Ale meaſure.

Of Furrs.

Grays, Martins, Sables, Jenits, Minks, and Filches, have 40 skins in the Timber. Lamb, Coney, Kid, Cat, and Budge, have five ſcore in the hundred.

Calves skins are reckoned by the dozen, and Goats by the kip, which is 50 skins. A Laſt of Leather is 20 Dickers, or 200 Hides, a Dicker is 10 Hides.

Of

Of Paper and Parchment.

A Bale of Paper is 10 Ream, or 200 Quires; a Ream is 20 Quires, or 500 Sheets; a Quire is 25 Sheets.

A Rowl of Parchment is 5 dozen, or 60 Skins; a dozen is 12 Skins.

Of Wooll.

A Stone of Wooll is 14 pound, a Tod 28 pound; 6 Tods and an half make a Wey, which is 182 pound: two Weys make a Sack or 364 pound; and 12 Sacks make a Laft, which is 4368 pound: so that a Sack of Wooll contains 26 Stone, and a Laft 156 Tods, or 312 Stone.

Of a year.

An exact Solar year contains 365 days, 5 hours, 49 minutes, and 4 seconds: otherwise it contains 12 Solar moneths, 52 weeks, 365 days, 8765 hours, or 525949 minutes.

Of Weights in general.

Of Weights there are two sorts used in England, viz. Troy weight and Avoirdupois: In Troy weight 24 grains of wheat make a peny weight, 20 peny weight make an ounce, 12 ounces a pound, by this weight are weighed Pearls, precious Stones, Gold, Silver, Bread, and all manner of Corn and Grain.

The pound Avoirdupois contains 16 ounces, but the ounce Avoirdupois is lighter then the ounce Troy by almost one 12 part, so that 60 pound Avoirdupois is equal to 73 pound Troy; by this weight is weighed all Grocery-ware, Flesh Butter, Cheese, Iron, Hemp, Tallow, Wax, Lead; and all things whereof comes waste.

A

A Table for buying or selling any things by the Hundred, counting 112 to the Hundred.

d	q	l	s	d	d	q	l	s	d
	1	0	2	4	9	1	4	6	4
	2	0	4	8		2	4	8	8
	3	0	7	0		3	4	11	0
1	0	0	9	4	10	0	4	13	4
	1	0	11	8		1	4	15	8
	2	0	14	0		2	4	18	0
	3	0	16	4		3	5	0	4
2	0	0	18	8	11	0	5	2	8
	1	1	1	0		1	5	5	0
	2	1	3	4		2	5	7	4
	3	1	5	8		3	5	9	8
3	0	1	8	0	12	0	5	12	0
	1	1	10	4		1	5	14	4
	2	1	12	8		2	5	16	8
	3	1	15	0		3	5	19	0
4	0	1	17	4	13	0	6	1	4
	1	1	19	8		1	6	3	8
	2	2	2	0		2	6	6	0
	3	2	4	4		3	6	8	4
5	0	2	6	8	14	0	6	10	8
	1	2	9	0		1	6	13	0
	2	2	11	4		2	6	15	4
	3	2	13	8		3	6	17	8
6	0	2	16	0	15	0	7	0	0
	1	2	18	4		1	7	2	4
	2	3	0	8		2	7	4	8
	3	3	3	0		3	7	7	0
7	0	3	5	4	16	0	7	9	4
	1	3	7	8		1	7	11	8
	2	3	10	0		2	7	14	0
	3	3	12	4		3	7	16	4
8	0	3	14	8	17	0	7	18	8
	1	3	17	0		1	8	1	0
	2	3	19	4		2	8	3	4
	3	4	1	8		3	8	5	8
9	0	4	4	0	18	0	8	8	0

The use of the foregoing Table.

IF you buy any thing by the hundred (which contains 112 pound) you may find by this Table what it cost by the pound; or if you buy by the pound, you may find what the hundred comes to.

Example, if one pound cost 4 pence 3 farthings, what will the hundred cost?

Look in the first Column for 4 pence 3 farthings, (finding 4 pence under d, and 3 farthings under q,) and right against it in the second Column you will find 2 pound, 4 shillings, 4 pence, and so much will 112 pound cost.

Again, if an hundred weight cost 4 pound, 1 shilling, 8 pence, what will one pound cost?

Look in the Table, and find 4 pound, 1 shilling, 8 pence, at the bottom of the second Column; and against the same in the first Column, you shall find 8 pence, 3 farthings, and so much will 1 pound cost.

Another example, one buys an hundred weight of any commodity, which costs him 4 pound 1 shilling, 8 pence, and he sells the same by retail at 10 pence the pound, what doth he gain by selling the hundred weight at that rate?

Against 10 pence the pound in the third Column, you will find the price of the hundred in the fourth Column, to be 4 pound 13 shillings, 4 pence, from whence take 4 pound 1 shilling 8 pence (the price which the hundred cost) and there remains 11 shillings 8 pence, and so much doth he gain in the hundred by retail at 10 pence the pound.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

		1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
		lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
Shill.	5	0	0	0	0	0	3	0	1	3	0	1	2	0	3	1
	10	0	0	0	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	0	0	2	2	0	5	1	0	8	2	0	10	2
Pounds	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		lb.	p.	p.	lb.	p.	p.	lb.	p.	p.	lb.	p.	p.	lb.	p.	p.
Tens of pounds	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

Some

Some brief Rules for Husbandmen.

FIrſt obſerve this general rule, plant, ſow, and cut, ſuch things as you would have to grow, or bear fruit quickly, in the New Moon, if it may be done with convenience; for it hath been obſerved that thoſe things which are ſet or ſown in the Wane, or decreaſe of the Moon, are longer before they bear fruit, and the fruit not ſo good as thoſe which were ſet in the New Moon: on the contrary, ſuch things as you would have to grow ſlowly or not at all, plant, cut, or pluck them up in the decreaſe of the Moon, as Vines being ſubject to run out much into binds and leaves, are beſt to be cut in the Old Moon; ſo alſo is Timber, for then it is drieſt, and will laſt longeſt, for moiſture is the cauſe of corruption. Remove, or plant trees every New Moon from November till February, in December and January, prune and nail up fruit-trees and Vines, and plant quickſets. Sow kernels and ſtony ſeeds, as alſo Beans, Peaſe, and hardy pot-herbs, as Radiſh, Parſneps, Onions, Parſley, Spinage, &c. in February, at the later end of which moneth you may begin to Graff if the weather proves mild, and ſo continuing all March, unleſs the ſpring prove very forward, beginning with Plumbs and Pears, and ending with Apples. At the later end of March, or in April, when the froſt, and cold winds are over, ſow tender ſeeds as Sweet Marjoran, Purſlan, painted-Beans, &c. at which time clip Box, Cypreſs, and ſuch like ſhrubs. Inocculate in June and July. Gather ſuch fruit and ſeeds as you intend to keep, about the Full Moon, in dry weather.

Thus

An exact rule whereby you may know what any one receives or expends in a year; by knowing what they receive, or expend in one day.

IN the first place you are to know that the common year contains 365 days, the Leap-year 366 days.

Suppose a man receives, or spends a peny a day, what is that in a year, say one pound, one half pound, one groat, one peny, which being added together make 1 shillings and 5 pence And if 6 pence a day be received or spent, then say 6 pounds, 6 half pounds, 6 groats, 6 pence, which being added together, makes 9 pounds 2 shillings, and 6 pence for the year.

But if the sum you receive, or expend in one day extend to shillings, you must reduce it into pence, suppose it be 5 shillings a day, which makes 60 pence, then say before, say 60 pounds, 60 half pounds, 60 groats, and 60 pence, which being added together, makes 91 pounds 5 shillings for the year.

This rule is exact for any common year, but if it be Leap-year, you must add the expence of one day more to the total sum.

And here my task must end; and what I've writ,
Unto the readers judgement I commit:
If in my work thou shalt some errors find,
I hope to pardon them thou wilt be kind,
And do not blame the Art, the errour mine is
And to my faults, I here shall put a-

FINIS.